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No. 47] NEW DELHI, SATURDAY, NOVEMBER 18, 2000 (KARTIKA 27, 1922)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
[Separate paging is given to this Part in order that it may be filed as a separate compilation]

भाग III—खण्ड 2
[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
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Calcutta, the 18th November 2000

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Floors, 234/4, Acharya Jagadish
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एकस्व तथा अभिकल्प

कलकत्ता, दिनांक 18 नवम्बर 2000

पेटेन्ट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेन्ट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :—

पेटेन्ट कार्यालय शाखा, टोडी इस्टेट,
तीसरा तल, लोअर परेल (प.)
मुम्बई-400013 ।
गुजरात, महाराष्ट्र, मध्य प्रदेश
तथा गोआ राज्य क्षेत्र एवं संघ
शासित क्षेत्र, दमन तथा दीव एवं
दादर और नगर हवेली ।
तार पता - "पेटोफिस"
फोन : 482 5092 फैक्स : 022 495 0622

पेटेन्ट कार्यालय शाखा,
एकक सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
सरस्वती मार्ग, करोल बाग,
नई दिल्ली-110 005 ।
हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़ ।
तार पता - "पेटेंटोफिक"
फोन : 578 2532 फैक्स : 011 576 6204

पेटेन्ट कार्यालय शाखा,
विंग "सी" (सी-4, ए),
तीसरा तल, राजाजी भवन,
बेसन नगर, चेन्नई-600090 ।
आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु
तथा पाण्डिचेरी राज्य क्षेत्र एवं
संघ शासित क्षेत्र, लक्षद्वीप, मिनिकाय
तथा एमिनिदिवि द्वीप ।
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भवन, 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
कलकत्ता-700 020 ।
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तार पता - "पेटेंट्स"
फोन : 247 4401 फैक्स : 033 247 3851

पेटेन्ट अधिनियम, 1970 तथा पेटेन्ट (संशोधन) अधिनियम, 1999 अथवा पेटेन्ट (संशोधन) नियम, 1972 द्वारा अपेक्षित सभी आवेदन, सूचनाएं, विवरण या अन्य दस्तावेज **या कोई फीस पेटेन्ट कार्यालय के केवल समुचित कार्यालय में ही ग्रहण किये जायेंगे ।**

शुल्क : शुल्कों की अदायगी या तो नकद की जाएगी अथवा जहां उपयुक्त कार्यालय अवस्थित है, उस स्थान के अनुसूचित बैंक में नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा चैक द्वारा की जा सकती है ।

CORRIGENDUM

In the gazette of India, Part-III, Sec. 2, dated the 1st May, 1999 :—

(a) In the page—440, col—2 application for Patent No. 942/Del/1991 filed on 27th September, 1991, read the accepted No. as 182542.

(b) In page—441, col—2 application for Patent No. 1254/Del/91 filed on 19th December, 1991, read the accepted No. as 182545 instead of 182548

APPLICATION FOR THE PATENT FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-700 020

The dates shown in the crescent brackets are the dates claimed under section 135, under Patent Act, 1970

8-9-2000

517/Cal/2000. Molex Incorporated. Arrangement for connecting an electrical connector to a flat flexible cable and method therefor (Convention No. 99117683.5 filed on 8-9-99 in European Patent Office).

11-9-2000

518/Cal/2000. Durgadas Ganguly and Pankaj Kumar Maji. A multistage multiset vertical type CTC tea processor.

519/Cal/2000. Ojha Girindra Mohan. Process and plant for production of sacred wate with long term shelf life.

520/Cal/2000. AIWA Co., Ltd. Communication terminal apparatus for data communication between network and computers and data communication method using it. (Convention No. 11-261046 filed on 14-9-99 in Japan).

12-9-2000

521/Cal/2000. Molex Incorporated Electrical connector assembly for a flat cable. (Convention No. 99117791.6 filed on 9-9-99 in EPO).

522/Cal/2000. Lin Yao-Ting. Transmission mechanism for an incense making machine.

523/Cal/2000. Digitalseen Co. Ltd. Apparatus for and method of storing log data in communication network. (Convention No. 2000-18152 filed on 7-4-2000 in Republic of Korea).

13-9-2000

524/Cal/2000. Carl Strutz & Co. Inc. Method and apparatus for high speed decoration of bottles.

525/Cal/2000. Molex Incorporated. Cable assembly and method and tool for replacing same. (Convention No. 99118216.3 filed on 14-9-99 in EPO).

526/Cal/2000. Hindustan Controls and Equipment Pvt. Ltd. Single use self-destructing disposable syringe.

527/Cal/2000. Mitsuba Corporation. Engine ignition system. (Convention No. 11-260808 filed on 14-9-99 in Japan, and 2000-106679 filed on 7-4-2000 in Japan).

14-9-2000

528/Cal/2000. Hewlett-Packard Company. Sequestering residual ink on an ink-jet print cartridge. (Convention No. 09/473,626 filed on 29-12-99 in U.S.A.).

15-9-2000

529/Cal/2000. Pioneer Corporation. Tracking control apparatus. (Convention No. 11-268184 filed on 22-9-99 in Japan).

530/Cal/2000. Nissei ASB Machine Co. Ltd. Apparatus for crystallizing preform neck. (Convention No. 11-269296 filed on 22-9-99 in Japan).

531/Cal/2000. Wacker Metroark Chemicals Limited. A novel organo silicone polymer antifoam and a process for its manufacture.

18-9-2000

532/Cal/2000. Didion Manufacturing Company. Interlocking liner for a casting shake-out unit.

533/Cal/2000. Steel Authority of India Ltd. Ejectors for degraphitizing oven roofs in coke ovens.

534/Cal/2000. Dystar Textilfarben GmbH & Co. Deutschland Kg. Blue momoazo disperse dyestuff. (Convention No. Hei 11-307357 filed on 28-10-99 in Japan).

535/Cal/2000. M & W Zander Facility Engineering GmbH. Air purifier for pharmacy, groceries and bio technical area. (Convention No. 29916321.0 filed on 16-9-99 in Germany).

19-9-2000

536/Cal/2000. Sayeed Islam, Sayeed Shahid, Sayeed Abdul Rub. Hydraulic extractor.

537/Cal/2000. Dynamatic Technologies Limited. C-Frame press for pressing components to form an assembly.

538/Cal/2000. Steel Authority of India Ltd. High alumina self flow castable refractory composition.

20-9-2000

539/Cal/2000. Steel Authority of India. Ltd. A sampling device useful for monitoring and assessing the quality of air and the like.

540/Cal/2000. Bundesdruckerei GmbH. A method for the production of copy-proof and imitation-proof holograms possessing authenticity features, which are copies of a master hologram.

541/Cal/2000. Johnson & Johnson Industria E Comercio Ltd. A hygienic napkin. (Convention No. PI 9904370-0 filed on 28-9-99 in Brazil).

21-9-2000

542/Cal/2000. Dr. Sirsendu Sukul. A bacterioligical test kit.

22-9-2000

543/Cal/2000. Mitsuba Corporation. Lam lighting control circuit. (Convention No. 11-268448 filed on 22-9-99 in Japan).

25-9-2000

544/Cal/2000. Charash Dan & Kaplan Voaz. A system and method for data processing of option/share pooling, and a method for conducting business.

545/Cal/2000. American Cynamid Company. Coated pesticidal agents and compositions containing them. (Divided out of No. 865/Cal/95 antedated to 27-7-1995).

546/Cal/2000. Stahlecker Fritz and Stahlecker Hans. An air-permeable transport belt for transporting a fibre strand to be condensed. (Convention No. 19960139.6 filed on 14-12-99 in Germany).

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548/Cal/2000. Deere & Company. Tracked vehicle steering system with steering pump monitoring. (Convention No. 09/408,369 filed on 29-9-99 in U.S.A.).

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550/Cal/2000. Osram Sylvania Inc. Moisture insensitive electroluminescent phosphor. (Convention No. 09/406,359 filed on 28-9-99 in U.S.A).

551/Cal/2000. Mcnell PPC, Inc. Ultrathin fluid management article. Convention No. 09/406036 filed on 27-9-99 in U.S.A.).

552/Cal/2000. Dabur India Limited. A process for preparing (4S, 5R-3, (3-substituted prop-2-ynyloxy)-2, 2-disubstituted-4- (substituted phenyl)-5-oxaolidine carboxylic acid.

26-9-1999

553/Cal/2000. Thomson Multimedia and Societe Tonnerroise D'Electronique Industrille-Stell. Cable reel and electromagnetic wave communication device equipped with such a reel (Convention No. 9912754 on 13-10-99 in France).

554/Cal/2000. Technological Resources Pty. Ltd. A direct smelting process. (Convention No. PQ3087 filed on 27-9-99 in Australia).

27-9-2000

555/Cal/2000. Indian Jute Industries' Research Association. A process for rot-proofing of jute fabric.

29-9-2000

556/Cal/2000. Prof. Dr. Satya Priya Moulik and Dr. Amiya Kumar Panda. A process for preparing ion selective membranes and membrane electrodes made therefrom.

557/Cal/2000. Elahi Habib and Elahi Khurshid. Manually operated device for fuel saving of domestic LPG cooking burner and also for increasing heat efficiency thereof.

558/Cal/2000. Merck Patent GmbH. Highly oriented thin-platelet like pigment and preparing process the same. (Convention No. 11-283 749 filed on 5-10-99 in Japan).

3-10-2000

559/Cal/2000. Steel Authority of India. An improved stripper guard system for rolling joist.

560/Cal/2000. IPP Limited. A process for the manufacture of paper pulp from jute plant.

561/Cal/2000. PPG Industries Ohio Inc. Naphthopyran compounds useful for photochromic articles. (Convention No. 08/932993 filed on 13-10-95 in U.S.A.). (Divided out of No. 1323/Cal/95 antedated to 26-10-95).

562/Cal/2000. PPG Industries Ohio Inc. Naphthopyran compounds useful for photochromic articles. (Convention No. 08/932993 filed on 13-10-95 in U.S.A.). (Divided out of No. 1323/Cal/95 antedated to 26-10-95).

563/Cal/2000. PPG Industries Ohio Inc. Naphthopyran compounds useful for photochromic articles. (Convention No. 08/932993 filed on 13-10-95 in U.S.A.). (Divided out of No. 1323/Cal/95 antedated to 26-10-95).

4-10-2000

564/Cal/2000. Jung Hyung, Megnetic lifting apparatus (Convention No. 09/653,895 filed on 1-9-2000 in U.S.A.).

6-10-2000

565/Cal/2000. Moriyama Kogyo Kabushiki Kaisha. Three-phase magneto generator. (Convention No. HEI 11-288449 dated 8-10-99 in Japan and 09/628755 filed on 31-7-2000 in U.S.A.).

566/Cal/98. Technical Graphics Security Products, LLC. Security device with foil camouflaged magnetic regions and methods of making same. (Convention No. 60/158,282 filed on 7-10-99 in U.S.A.).

9-10-2000

567/Cal/2000. Indian Institute of Technology. A process for the preparation of dehydrated puffed potato cubes.

568/Cal/2000. Degussa-Huls Aktiengesellschaft. Process for the preparation of unsaturated 4, 5-allene ketones, 3, 5-diene ketones and the corresponding saturated ketones. (Convention No. 199 49796.6 filed on 15-10-99 in Germany).

569/Cal/2000. Degussa-Huls Aktiengesellschaft. Process for the preparation of 2, 3, 5-trimethyl-p-benzoquinone. (Convention No. 19949795.8 filed on 15-10-1999 in Germany).

10-10-2000

570/Cal/2000. Johnson & Johnson Vision Products Inc. Primary package for contact lens. (Convention No. 09/417 617 filed on 13-10-99 in U.S.A.).

11-10-2000

571/Cal/2000. Kimberly-Clark Worldwide, Inc. A method of producing a paper web with reduced moisture content.

572/Cal/2000. Steel Authority of India Ltd. & Indian Institute of Technology. A process for the manufacture of technical grade anthrancene (purity 95% minimum) from anthracene mud of coal tar distillation.

573/Cal/2000. 1. Steel Authority of India Ltd. 2. Indian Institute of Technology. A process for the manufacture of technical grade carbazole (purity 95% minimum) from anthracene mud of coal tar distillation.

APPLICATION FOR THE PATENT FILED IN THE PATENT OFFICE BRANCH AT TODI ESTATE, 3RD FLOOR, SUN MILL COMPOUND, LOWER PAREL (W), MUMBAI-400 013.

21-8-2000

766/Mum/2000. Sulphur Mills Limited. An improved process of manufacturing/making herbicide in the dry flowable form.

767/Mum/2000. Sulphur Mills Limited. An improved process of manufacturing/making herbicide in the dry flowable form.

768/Mum/2000. Sulphur Mills Limited. An improved process of herbicide in the dry flowable form.

769/Mum/2000. Sulphur Mills Limited. An improved herbicide formulation in a dry flowable and the method of manufacturing/making and using the same.

22-8-2000

770/Mum/2000. Honda Giken Kogyo Kabushi Kaisha. Motor-assisted drive unit for motor-assisted vehicle (Priority date : 30-9-99 & 6-6-2000) Japan.

771/Mum/2000. Sulphur Mills Limited. An improved process of manufacturing/making fungicide in the dry flowable form.

772/Mum/2000. Sulphur Mills Limited. An improved process of manufacturing/making fungicide in the dry flowable form.

23-8-2000

773/Mum/2000. Kurosh Fallahzadeh. Handwriting recognition system as an alternative to the computer keyboard.

774/Mum/2000. The Raja Bahdur Motilal Poona Mills Limited. A self assembled mini drafter for making drawings.

24-8-2000

775/Mum/2000. Larson & Toubro Limited. An improved sealing frame design.

776/Mum/2000. Larson & Toubro Limited. A drew-out circuit breaker employing improved design of terminal support.

777/Mum/2000. Sulphur Mills Limited. An improved fungicide formulation in a dry flowable form and method of manufacturing/making and using the same.

778/Mum/200. Sulphur Mills Limited. Improved process of manufacturing/making fungicide in the dry flowable form.

25-8-2000

779/Mum/2000. Indian Petrochemicals Corporation Limited. Process for producing special acrylic fiber use in the manufacture of carbon fiber.

780/Mum/2000. Bombay Drugs & Pharmas Limited. Novel process for the preparation of 3-chloropiophenone.

781/Mum/2000. Cheng-Lang Tsai. Color ornamental cord device.

782/Mum/2000. Bayer Aktiengesellschaft. Mono and dipotassium salts of azo componds. (Priority date : 21-9-99) Germany.

783/Mum/2000. Tatsung Corporation. Automated fuel supply system. (Priority date : 18-11-99 & 22-2-2000 & 22-2-2000 & 5-6-2000) Japan.

784/Mum/2000. Madhavan Balakrishan. New Concepts with piston engines.

785/Mum/2000. Honda Giken Kogyo Kabushiki Kaisha. Vehicular fuel tank structure. (Priority date 2-9-99 & 9-6-2000) Japan.

26-8-2000

786/Mum/2000. Inderjit Singh Dhillon. New/improved room cooler.

28-8-2000

787/Mum/2000. Chramaspeed Limited. Radiant Electric heater for a microwave open. (Priority date : 10-9-99) U.K.

788/Mum/2000. Manoj Hansraj Gada, Hansraj Shivaji Gada. An improved body for electrical/electronics switches & sockets.

789/Mum/2000. Manoj Hansraj Gada, Hansraj Shivaji Gada. An improved body for combined switches sockets fues and indicator for electrical installation.

29-8-2000

790/Mum/2000. Mepshi Popatbhai Chheda. Furniture handle with lock.

30-8-2000

791/Mum/2000. Honda Giken Kogyo Kabushiki Kaisha. Vehicle frame vibration-damping structure of saddle-type vehicle. (Priority date : 24-9-99) Japan.

792/Mum/2000. Atofina Chemicals, Inc. Nitrosamineinhibiting compositions for shortstopping of free radical emulsion polymerizations. (Priority date : 3-8-2000 & 9-9-99) U.S.A..

793/Mum/2000. Cheng-Lang Tsai. Colour cable and the manufacturing method thereof.

794/Mum/2000. Jhade Deenanath. Sulabh fleez sah sheetal jal pyau.

795/Mum/2000. Godrej & Boyee Mfg. Co. Limited. A surface mounted door lock.

796/Mum/2000. Godrej & Boyce Mfg. Co. Limited. An improved locking device for rolling shutters or sliding doors.

31-8-2000

797/Mum/2000. Piaggio & Co. S.P.A. A multifuntional rigid carrier for a two-wheeled vehicle. (Priority date : 28-6-2000) Italy.

798/Mum/2000. Achal Bekeri. Multi Directional air deflector.

799/Mum/2000. Achal Bekeri. Teflon coated heating element.

800/Mum/2000. Achal Bakeri. Belt driven pump assembly.

801/Mum/2000. Vipin Champsey Shah. Shared combustion engines.

802/Mum/2000. Dong Kook Pharmaceutical Co. Ltd. Sustained release microparticle and method for preparing the same.

4-9-2000

803/Mum/2000. Bayer Aktiengesellschaft. Substituted aryl ketones. (Priority date : 30-9-99) Germany.

804/Mum/2000. Bayer Aktiengesellschaft. Substituted N-phenyl-phenoxynicotin (ethio) amides. (Priority date : 30-9-99) Germany.

805/Mum/2000. Daikin Industries, Limited. Air filter medium, air filter pack & air filter unit comprising the same, and method for producing air filter medium. (Priority date : 7-10-99 & 26-5-2000) Japan.

806/Mum/2000. Bayer Aktiengesellschaft. Selective herbicidies based on n-aryl-triazolin (ethi) ones. (Priority date : 30-9-99 & 22-12-99) Germany.

807/Mum/2000. Honda Giken Kogyo Kabushiki Kaisha. Air cleaner. (Priority date : 22-9-99) Japan.

808/Mum/2000. Pfizer Products Inc. Process for making 5-lipoxygenase inhibitors having varied heterocyclic ring systems. (Priority date : 31-8-99) U.S.A.

809/Mum/2000. Po-Jung Wang. A fur remove.

810/Mum/2000. Dr. Ranjan Bajpai. A process for developing a cost effective, non-poinsonous selective contact herbicide for parthenium weed (GGN Factor).

811/Mum/2000. Indiacom Directories Limited. A system and method for dynamic on-line display of business information.

5-9-2000

812/Mum/2000. Honda Giken Kogyo Kabushiki Kaisha. Seat structure for small vehicle such as motorcycle. (Priority date : 15-10-99) Japan.

813/Mum/2000. Alembic Limited. A process of preparing tasteless macrolides by using polymer cross linking technique.

814/Mum/2000. Alembic Limited. A process of preparing tasteless micro encapsulated macrolides.

6-9-2000

815/Mum/2000. Gaz Transport Et Technigaz. Watertight & thermally insulating tank built into the bearing structure of a ship & method of manufacturing insulating caissons intended to be used in this tank. (Priority date : 29-9-99) France.

816/Mum/2000. Honda Giken Kogyo Kabushiki Kaisha. Engine fuel supply system. (Priority date : 1-11-99) Japan.

817/Mum/2000. Sulphur Mills Limited. An improved process of manufacturing/making fungicide in the dry flowable form.

7-9-2000

818/Mum/2000. Philimon Sanjay. Auto/Manual motion (stool) cleaner for railways.

819/Mum/2000. Janardan Shiva Rao. Environmental pollutants evolvement & eradication.

8-9-2000

820/Mum/2000. Jaiprakash Anant Sathe. A process for coating roofing bolts with zinc phosphate for better rust prevention & improving their mechanical properties.

821/Mum/2000. Krishnamurthy Ramamirthan Iyer. Verti drier.

822/Mum/2000. Honda Giken Kogyo Kabushiki Kaisha. Cylinder lick protector for motor vehicle. (Priority date : 30-9-99) Japan.

823/Mum/2000. Honda Giken Kogyo Kabushiki Kaisha. Scooter floor step structure. (Priority date : 30-9-99) Japan).

824/Mum/2000. Honda Giken Kogyo Kabushiki Kaisha. Crankshaft for internal combustion engine. (Priority date : 5-11-99) Japan.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, WING 'C' (C-4 'A'), III FLOOR, RAJAJI BHAVAN, BESANT NAGAR, CHENNAI-600090

10th July, 2000

529/Mas/2000. V. R. Satyanarayanan. A test and calibration equipment for PGEV Woodward Governor.

530/Mas/2000. C. V. Suseelan. A novel diamond design loop mats/rugs and a process for manufacturing the novel dimond design loop mats/rugs.

531/Mas/2000. Bracco SPA. A process for the preparation of 1, 4, 7, 10-tetraazacyclododecaane-1-acetic acid. (July 25, 1997; Italy) (Div. to Patent Application No. 1646/Mas/98 dt. 23rd July 1998).

532/Mas/2000. Air Products and Chemicals Inc. Method and apparatus for freezing products. (July 15, 1999; U.K.).

533/Mas/2000. Lucent Technologies Inc. Synchronization of transmit power level settings for soft-handoff in wireless systems by the use of power level constraints. (July 16, 1999; US).

11th July, 2000

534/Mas/2000. Metal Box South Africa Limited. A holder. (Div. to Patent Application No. 755/Mas/94 dt. 9th Aug., 1994).

535/Mas/2000. Lucent Technologies Inc. A method for interleaving information conveyed in a wireless communication system. (July 14, 1999; US).

536/Mas/2000. Ciba Specialty Chemicals Holdings Inc. Use of mixtures of micropigment for preventing tanning and for lightening skin and hair. (July 12, 1999; Switzerland).

537/Mas/2000. BASF Aktiengesellschaft. Preparation of C5-/C6-Olefins (July 12, 1999; Germany).

12th July, 2000

538/Mas/2000. Institut Francais Du Petrole. Process for the production of gasolines with low sulfur contents. (August 19, 1999; France).

539/Mas/2000. Matsushita Seiko Co. Ltd. Heating-element accommodating box cooling apparatus and method of controlling the same. (September 17, 1999; Japan).

540/Mas/2000. Sundram Fasteners Limited. Novel composite crankshaft and a method of manufacturing the same.

13th July, 2000

541/Mas/2000. Matsushita Electric Industrial Co. Ltd. Answer phone and answering method thereof. (July 23, 1999; Japan).

542/Mas/2000. Amit Jaipuria & Pradeep Jaipuria. Method and apparatus for optimizing network potential using a secured system for an online community.

14th July, 2000

543/Mas/2000. Chilprakash. Eutectic deep freezer.

544/Mas/2000. Mtrack Solutions Private Limited. Automatic meter reading systems.

545/Mas/2000. Lincoln Global Inc. Method and system for welding steel rails. (July 16, 1999; USA).

546/Mas/2000. Phenolchemie GmbH & Co. Kg. Process for the hydrogenation of acetone. (July 17, 1999 Germany).

ALTERATION OF DATE UNDER SECTION 16

188108 (511/Cal/98) Antedated to 25th August 1997.
185110 (1140/Cal/98) Antedated to 29th July 1994.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of a patent on any of the applications concerned, may, at any time within four months from the date of this issue or within such further period not exceeding one month if applied for on Form 4 prescribed under the Patent (Amendment) Rules, 1999 before the expiry of the said period of four months, give notice to the Controller of Patents at the appropriate office on the prescribed Form 7 of such opposition. The written statement of opposition should be filed in duplicate alongwith evidence, if any, with said notice or within sixty days of its date as prescribed in Rule 36 as amended by the Patents (Amendment) Rules, 1999.

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स्वीकृत सम्पूर्ण विनिर्देश

एतद्द्वारा यह सूचना दी जाती है कि संबद्ध आवेदनों में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक व्यक्ति, इसकी निर्गम की तिथि से चार (4) महीने या अधिक ऐसी अवधि जो उक्त चार (4) महीने की अवधि की समाप्ति के पूर्व, पेटेंट (संशोधन) नियम, 1999 के तहत विहित प्ररूप 4 पर अगर आवेदित हो, एक महीने की अवधि से अधिक न हो, के भीतर कभी भी निर्बन्धक एकस्व को उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्ररूप 7 पर दे सकते हैं । विरोध संबंधी लिखित वक्तव्य दो प्रतियों में साक्ष्य के साथ, यदि कोई हो, उक्त सूचना के साथ या पेटेंट (संशोधन) नियम, 1999 द्वारा संशोधित नियम 36 के तहत यथाविहित उक्त सूचना के तिथि से 60 दिन के भीतर फाईल कर दिये जाने चाहिए ।

प्रत्येक विनिर्देश के संदर्भ में नीचे दिये वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर्राष्ट्रीय वर्गीकरण के अनुरूप हैं ।]

विनिर्देश तथा चित्र आरेख, यदि कोई हो, की अंकित प्रतियों की आपूर्ति पेटेंट कार्यालय या उसकी शाखा कार्यालयों से यथाविहित 30/- रुपए प्रति की अदायगी पर की जा सकती है ।

ऐसी परिस्थिति में जब विनिर्देश की अंकित प्रति उपलब्ध नहीं हो, विनिर्देश तथा चित्र आरेख, यदि कोई हो, की फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय या उसके शाखा कार्यालयों से यथाविहित फोटोप्रति शुल्क उक्त दस्तावेज के 10 रुपये प्रति पृष्ठ धन 30/- रुपये की अदायगी पर की जा सकती है ।

Ind. Cl. : 32 F₃ (b) 185101

Int Cl.[1] : C 07 C 59/00, A 23 K 1/16

A PROCESS FOR OBTAINING 2-HYDROXY-METHYL-THIOBUTYRIC ACID.

Applicant : DEGUSSA HULS AKTIENGESELLSCHAFT, WEISSFRAUENSTRASSE OF 9, DE-60311 FRANKFURT AM MAIN, GERMANY.

Inventors :
DR. HANS-ALBRECHT HASSEBERG.
DR. KLAUS HUTHMACHER.
DR. HERBERT TANNER.
VOLKER HAFNER.
HERALD HEINZEL.

Application No. 780/Cal/95 filed on 10-7-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972), Patent Office, Calcutta.

5 Claims

A process for obtaining 2-hydroxy-4-methylthiobutyric acid (MHA) in which the MHA is isolated from a reaction mixture which is obtained by the addition of hydrocyanic acid (HCN) to methyl-mercaptopropionaldehyde (MMP) and hydrolysis of the thereby obtained methylmercaptopropionaldehyde cyanohydrin (MMP-CH) with sulphuric acid, wherein the reaction mixture is placed in contact with an organic solvent such as herein described which is essentially immiscible with water in a liquid/liquid extraction system, in order to form an extraction solution which contains the solvent and 2-hydroxy-methylthiobutyric acid (MHA) transferred from the reaction mixture, and the 2-hydroxy-methylthiobutyric acid (MHA) is obtained as an extract from this extraction solution by evaporation, characterized in that the evaporation is performed at a pressure not greater than 600 mbar and temperature not higher than 150°C in a manner as herein described that the remaining extract contains less than 4 wt% of water.

Compl. Specn. 46 Pages; Drgns. 6 Sheets.

Ind. Cl. : 49 B QE 185102

Int. Cl.[4] : F-24c 7/02

COOKING APPARATUS EQUIPPED WITH INFRARED RAY SENSOR.

Applicant : LG ELECTRONICS INC. OF 20, YOIDO-DONG, YONGDUNGPO-KU, SEOUL, KOREA.

Inventor : CHUN SIG GONG.

Application No. 1292/Cal/95 filed on 24-10-95.

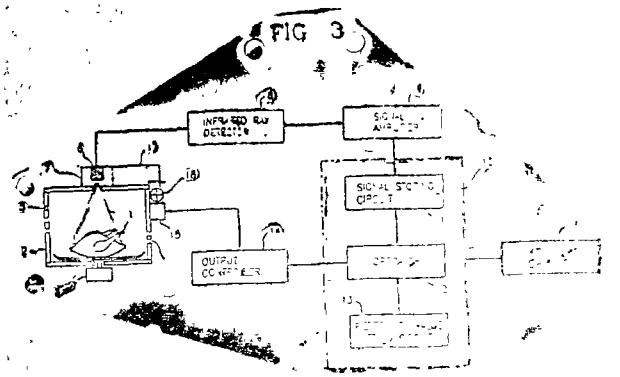
Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972), Patent Office, Calcutta

2 Claims

A cooking apparatus equipped with an infrared ray sensor wherein said infrared ray sensor is capable of detecting the infrared ray generated from the food in a cavity of a microwave oven and judging the temperature of food being cooked, characterised by :

an air duct provided around the sensor mounted on the cavity; and

a cooling fan for supplying air to the air duct for cooling said sensor,



Compl. Specn. 11 Pages; Drgns. 3 Sheets.

Ind. Cl. : 206 E 185103

Int. Cl.[4] : H 04 L 25/00

AN APPARATUS FOR DESPREADING A CONTINUOUS PHASE MODULATED SPREAD SPECTRUM SIGNAL.

Applicant : OMNIPOINT CORPORATION, OF 1365 GARDEN OF THE GODS ROAD COLORADO SPRINGS, COLORADO 80907 U.S.A.

Inventors :
DURRANT, RANDOLPH L.
BURBACHM, MARK T.
HOYT, EUGENE P.

Application No. 1049/Cal/95 filed on 31-8-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972), Patent Office, Calcutta.

113 Claims

An apparatus for despreading a continuous phase modulated spread spectrum signal comprising :

means for receiving a spread spectrum signal, a power divider for splitting said received spread sspectrum signal intc a first signal and a second signal,

an I demodulator for demodulating said first signal with a first local reference signal to generate an I signal;

a Q demodulator for demodulating said second signal with a second local reference signal to generate a Q signal,

a first parallel correlator for correlating said I signal with the odd chips of a chip code and for generating an I correlation signal,

a second parallel correlator for correlating said Q signal with the even chips of said chip sequence and generating a Q correlation signal,

a summer for combining said I correlation signal and said Q correlation signal,

a transmitter for generating and transmitting said continuous phase modulated spread spectrum signal.

said transmitter comprising,

a divider to divide a signal data stream into a plurality of data streams,

a modulator to independently modulate said plurality of data streams, and

a summer to combine said modulated data streams to form a continuous phase modulated signal for transmission.

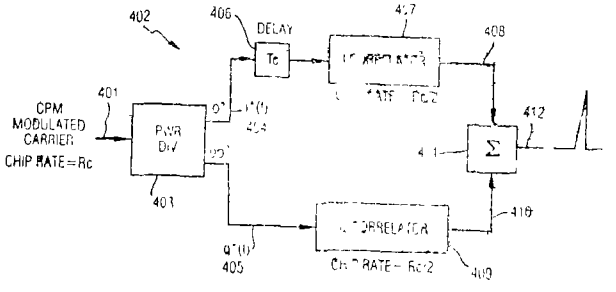


FIG. 7

Compl. Specn. 149 Pages; Drgns. 35 Sheets.

Ind. Cl. : 126 D 185104

Int. Cl.[4] : G 01 H 1/10

DRIVELINE VIBRATION ANALYZER.

Applicant : EATON CORPORATION. OF 1111 SUPERIOR AVENUE, CLEVELAND, OHIO 44114, UNITED STATES OF AMERICA.

Inventors :
KELVIN MICHAEL MCGOVERN.
JOHN JOSEPH BLAIR.
ANTHONY NOLAN WEST.
DAVID STANLEY TOTTEN.
DAVID WILLIAM MALENY.

Application No. 1397/Cal/95 filed on 6-11-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972), Patent Office, Calcutta.

14 Claims

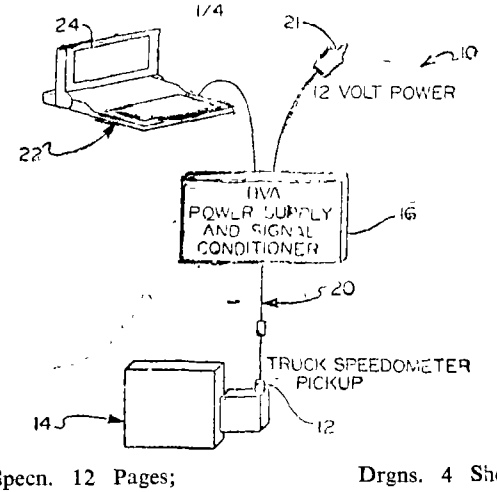
A tool for measuring and analyzing torsional vibrbations in a vehicle driveline comprising :

a sensor for measuring the rotational speed of a driveline component under test;

a memory connected to said sensor for receiving and storing data obtained by said sensor; and

an electric control unit connected to said memory for receiving said speed data and for transforming said speed data into order domain as herein described and for processing said speed data into rotational acceleration measurements at each of one or more rotational orders.

FIG 1



Compl. Specn. 12 Pages; Drgns. 4 Sheets.

Int. Cl[4] : H 01 R—9/00 185105

Ind. Cl. : 64 B 3.

ZERO INSERTION FORCE ELECTRICAL CONNECTOR AND TERMINAL.

Applicant : MOLEX INCORPORATED OF 2222 WELLINGTON COURT, LISLE, ILLINOIS 60532, UNITED STATES OF AMERICA.

Inventor : LELAND WANG, NAI KONG WONG.

Application No. 1534/Cal/95 filed on 28-11-1995.

(Convention No. 08/367, 566 filed on 3-1-95 in U.S.A.).

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

15 Claims

A zero insertion force electrical connector (20) and a terminal (64) for use with a device having an array of pin terminals (24), said electrical connector comprising :

a first connector housing (26) having an array of cavities (48) corresponding to the array of pin terminals (24);

a second connector housing (28) having an array of opening (42) through which the pin terminals are adapted to extend into said cavities;

each of said oavities comprising a base wall (50) spaced from the second connector housing and a side wall;

a terminal (64) in each of said cavities, said terminal comprising a mounting portion (66) for securing of said terminal in said base wall, a free end portion (72) a contact structure (70) adjacent said free end portion and a leaf spring portion (74) extending from said base wall to said contact structure ; and

means (30) mounting said connector housings for relative movement in a first direction along a path of travel between a free position wherein the pins are spaced from said contact structures in said cavities and a lock position wherein the pins engage said contact structures;

said leaf spring portion of each said contact being flexible in a second direction generaly perpendicular to said first direction to provide a contact force when mated with one of the pin terminals;

characterized in that

said leaf spring portion of each said terminal being generally parallel to said path of travel; and

said contact structure comprising a pin engagement surface (76) at least partly inclined with respect to said path of travel and substantially disposed within the lateral bounds of said leaf spring portion.

FIG. 2

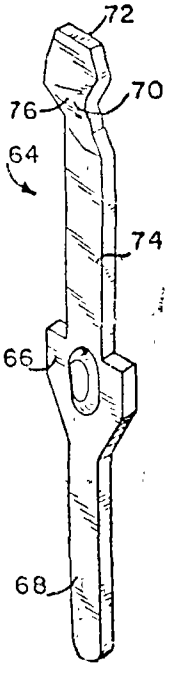
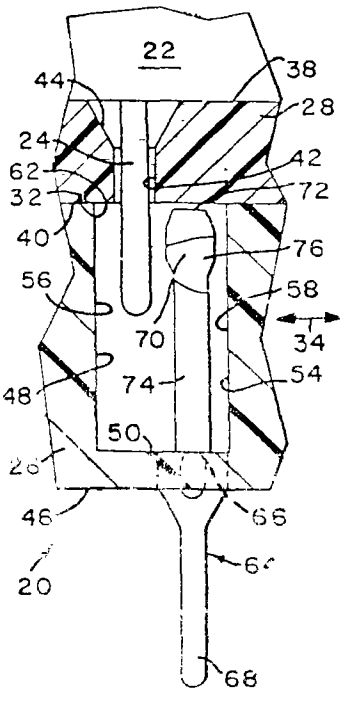


FIG. 6



(Comp. Specn. 14 Pages Drgns. 2 Sheets).

Ind. Cl. : 20A 185106

Int. Cl.[4] : B 42 D 3/18

BINDING ELEMENT FOR SECURING A BUNDLE OF SHEETS TOGETHER.

Applicant : UNIBIND (CYPRUS) LIMITED OF MARGARITA HOUSE-15, THEM. DERVIS STREET, NICOSIA-136 (CYPRUS)..

Inventor : GUIDO PELEMAN.

Application No. 20/Cal/96 filed on 4-1-96.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rule, 1972), Patent Office, Calcutta.

9 Claims

A binding element (1) for securing a bundle of sheets together comprising :

a generally U-shaped first element (6) made of rigid material and having first and second leg portions (9, 17) that are interconnected by a back portion (22), said back portion and leg portions having inner and outer sides;

a quantity of heat activator glue (5) provided on the inner side of the back portion of said first element;

a cover member (7) covering the outer sides of said first and second leg portions and said back portions of said first element, said cover member having a first longitudinal end portion (8) located adjacent said first leg portion of said first element;

a fastener arrangement (10, 15) securing the first longitudinal end portion of the cover member to said first leg portion of said first element ;

the remainder of said cover member being freely wrapped over the outer sides of said leg portions and back portions of said first element by freely folding of same without securing devices connecting the remainder of the cover member to the first element;

said first element and said cover member defining a back part (4) of said binding element arranged to receive a bundle of sheet (2) to be retained therein by said amount of glue.

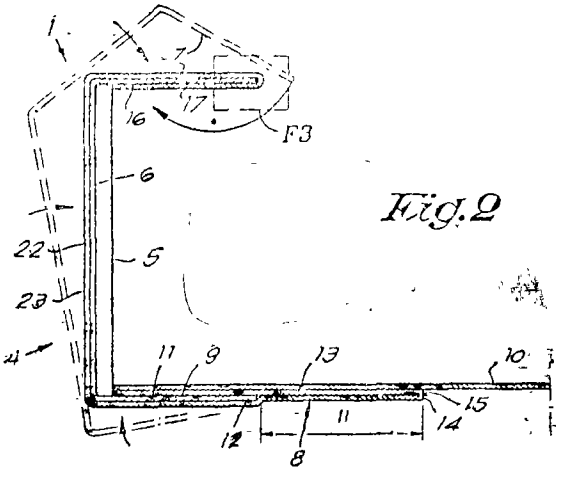


Fig. 2

Compl. Specn. 14 Pages; Drgns. 2 Sheets.

Ind. Cl. : 206 G 185107

Int. Cl.[5] : H 03 M - 13/00

APPARATUS FOR CORRECTING PHASE ERROR OF A VSB SIGNAL.

Applicant : DAEWOO ELECTRONICS CO. LTD. of 541, 5-GA, NAMDAEMOON-RO, JUNG-[illegible] REPUBLIC KOREA.

Inventor : YONG HEE LIM.

Application No 1446/Cal/95 filed on [illegible]-1995.

Appropriate Office for Opposition Proceedings (Rule 4 Patent Rule, 1972), Patent Office, Calcutta.

8 Claims

An apparatus for correcting phase error of a Vestigal Sideband (VSB) signal wherein said apparatus decoding a transmitted data signal in response to a transmitted reference signal, the transmitted data signal and the transmitted reference signal being the transmitted versions of a data signal and a reference signal via a transmission channel, respectively, and wherein the reference signal is a predetermined signal and the data signal is modulated to have one of N modulated signal values by employing a N-level (VSB) technique, said N being a positive even number and said N modulated signal values including N/2 pairs of signal values, each of the N/2 pairs of signal values containing a positive value and a negative value with a predetermined absolute value, the apparatus comprising :

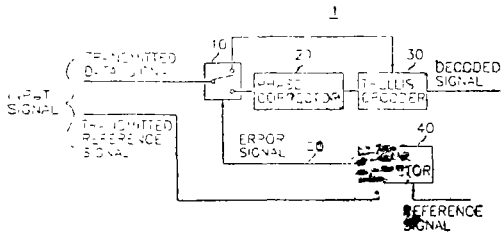
an error detector for comparing the reference signal with the transmitted reference signal, thereby providing an error signal denoting the presence or absence of a [illegible] phase error;

a phase correction for inverting the sign of the transmitted data signal, to thereby provide an inverted transmitted data signal;

Switching means for selectively providing the transmitted data signal or the inverted transmitted data signal in response to the error signal; and

a decoder for decoding the transmitted data signal or the inverteed transmitted data signal provided by the switching means.

FIG. 1



Compl. Specn. 11 Pages; Drgns. 3 Sheets.

Int. Cl.[4] : C 07 c 41/01 185108

Ind. Cl. : 32 F 3 (a)

A PROCESS FOR THE PREPARATION A NAPHTHYL COMPOUND.

Applicant : ELI LILLY & CO. OF LILLY CORPORATE CENTRE, CITY OF INDIANAPOLIS, STATE OF INDIANA, UNITED STATES OF AMERICA.

Inventors :
HENRY UHLMAN, BRYANT
THOMAS ALAN CROWELL
CHARLES DAVID JONES
ALAN DAVID PALKOWITZ

Application No. 511/Cal/98 filed on 25-3-98.

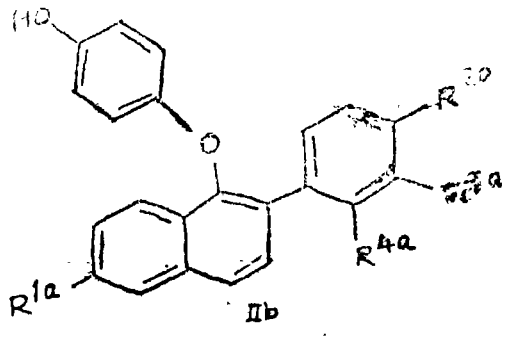
(Convention No. 60/025,125 filed on 29-8-96 in U.S.A.).

(Divided out of No. 1556/Cal/97 antedated to 25-8-97).

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

1 Claim

A process for preparing a compound of formula IIb



IIb

wherein

R^{1a} is —H or —OR^6 in which R^6 is a hydroxy protecting group;

R^{2a} is —H, —F, —Cl, —OH, —O(C_1-C_4 alkyl), —OCOAr where Ar is phenyl or substituted phenyl, —O(CO)OAr where Ar is phenyl or substituted phenyl, —OCO(C_1-C_6 alkyl), —O(CO)—O(C_1-C_6 alkyl), or —OSO_2 (C_4-C_6 alkyl);

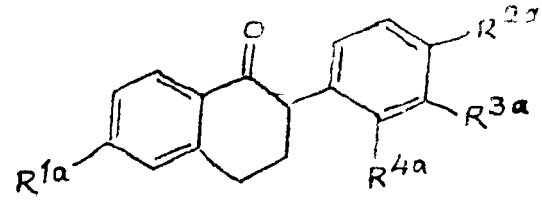
R^{3a} is —H —F, OCl, or —OR^7 in which R^7 is a hydroxy protecting group;

R^{4a} is —H, —F, —Cl, —CH_3, —O(C_1-C_4 alkyl), —OCOAr, where Ar is phenyl or substituted phenyl, —O(CO)OAr where Ar is phenyl or substituted phenyl, OCO(C_1-C_6 alkyl), —O(CO)O(C_1-C_6 alkyl), or —OSO_2 (C_4-C_6 alkyl),

with the proviso that both R^{3a} and R^{4a} cannot be hydrogen;

or a pharmaceutically acceptable salt or solvent thereof, which comprises :

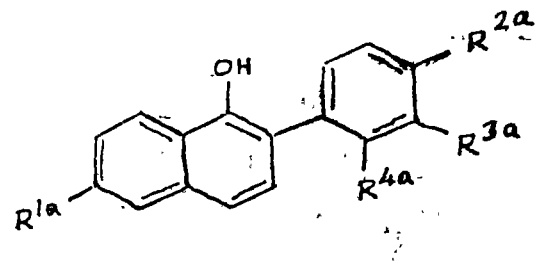
(a) oxidizing a compound of formula III



(III)

wherein $R^{a1'}$, R^{2a}, R^{3a} and R^{4a} are as defined above;

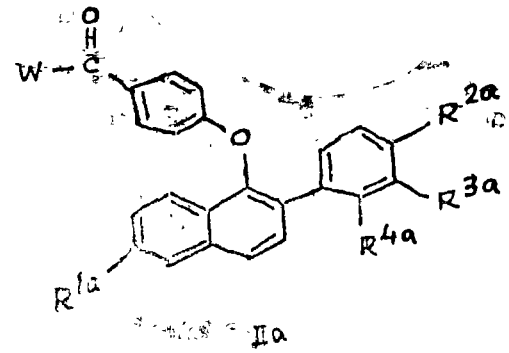
to from a compound of formula IVc



IVc

wherein R^{1a}, R^{2a}, R^{3a} and R^{4q} are as defined above;

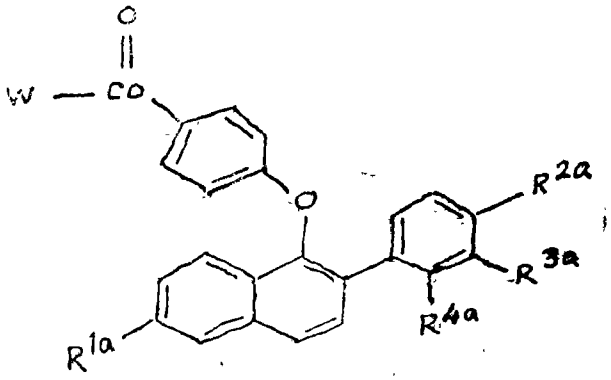
(b) reacting a compound of formula IVc with a base, followed by a 4-halobenzaldehyde or 4-halobenzoketone, at a temperature of 30°C to 100°C to form a compound of formula IIa



IIa

wherein R^{1a}, R^{2a}, R^{3a}, R^{4a} and W is —H or C_1-C_6 alkyl in about 24 to 48 hours;

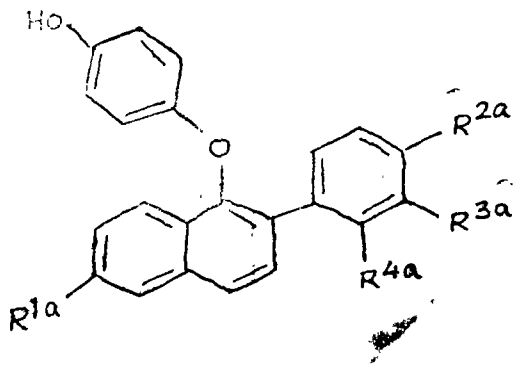
(c) oxidizing a compound of formula IIA to form a compound of formula IIc



IIc

wherein R^{1a}, R^{2a}, R^{3a}, R^{4a} and W are as defined above;

(d) hydrolyzing a compound of formula IIc to form a compound of formula IIb



IIb

wherein R^{1a}, R^{2a}, R^{3a} and R^{4a} are as defind above after stirring for 12 to 48 hours.

(Comp. Specn. Drgs. Nil)

Int. Cl.[4] : C 07 c 85/18 185109

Ind. Cl. : 32 F 2(a)

A PROCESS FOR THE PREPARATION OF CIS-(1S, 4S)-N-METHYL-4-(3, 4-DICHLOROPHENYL-1, 2, 3, 4-TETRAHYDRO-1-NAPHTHALENEAMINE HYDROCHLORIDE.

Applicant : TORRENT PHARMACEUTICALS LIMITED OF CENTRAL PLAZA, 1ST FLOOR, ROOM # - 106, 2/6 SARAT BOSE ROAD, CALCUTTA, WEST BENGAL INDIA.

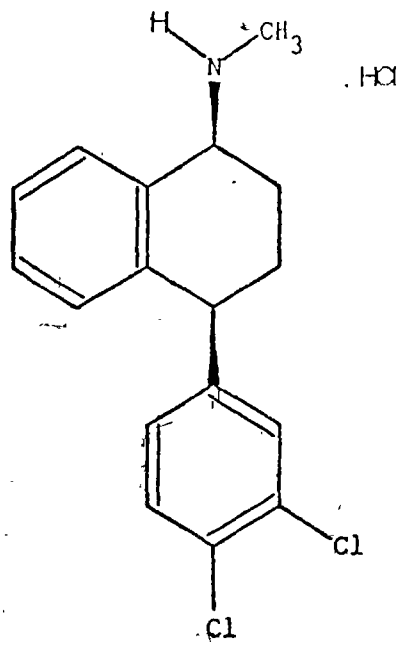
Inventor : VYAS SHARAD KUMAR.

Application No. 748/Cal/99 filed on 1-9-99.

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

13 Claims

A process for the preparation of cis-N-methyl-4-(3, 4-dichlorophenyl)-1, 2, 3, 4-tetrahydro-1-naphthaleneamine hydrochloride of formula-VI, and cis-(1S, 4S) isomer thereof, namely cis-(1S, 4S)-N-methyl-4-(3, 4-dichlorophenyl)-1, 2, 3, 4-tetrahydro-1-naphthaleneamine hydrochloride i.e. sertraline hydrochloride of formula I used extensively as selective serotonin uptake inhibitor in therapy

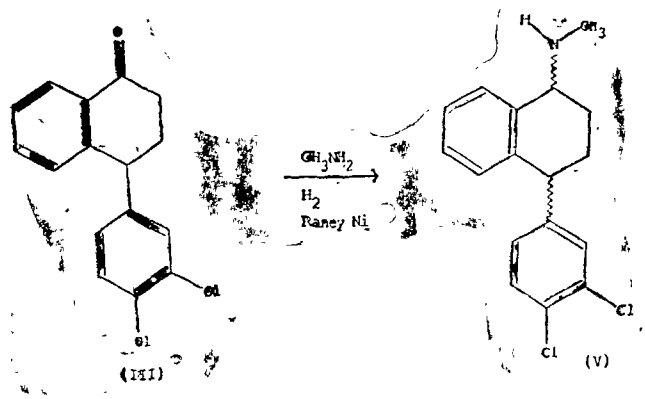


(VI)

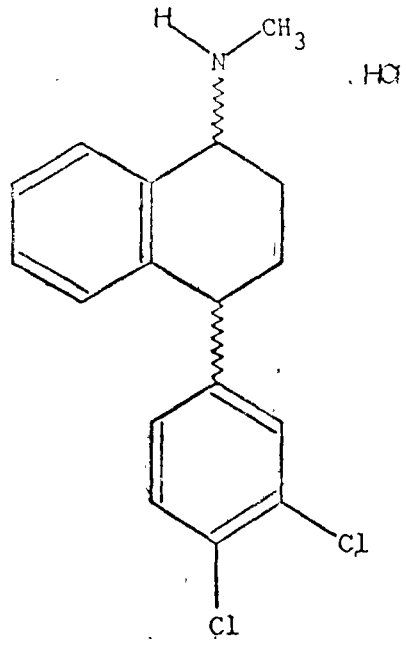
which comprises the steps of :

(a) reacting 4-(3, 4-dichlorophenyl)-3, 4-dihydro-1-(2H)-naphthalenone of formula-III

with methylamine under reducing atmosphere in presence of hydrogen under a pressure of 200—1000 psi and a reducing metal catalyst such as Raney Nickel at a temperature range of room temperature to 100°C to produce the compound of formula—V



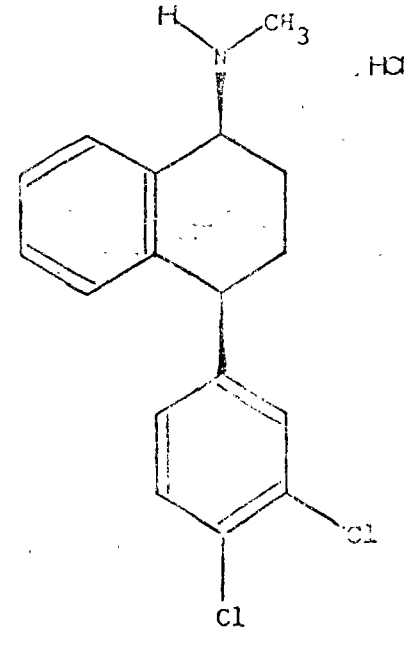
(b) treating the said compound of formula—V with hydrogen chloride to produce the compound of formula—II in 48—51% yield,



(II)

(c) isolating and purifying the compound of formula-II to obtain cis-hydrochloride of formula-VI,

(d) further, by using known process, optionally converting the said compound of formula VI into cis-(1S, 4S)-N-methyl-4-(3, 4-dichlorophenyl)-1, 2, 3, 4-tetrahydro-1-naphthaleneamine hydrochloride of formula I.



(I)

Compl. Specn. 20 Pages Drngs. Nil

Int. Cl.[4] : H 04 L 5/00 185110

Ind. Cl. : 206 E.

REMOTE UNIT FOR USE WITH SPREAD-SPECTRUM SATELLITE SYSTEM.

Applicant : INTERDIGITAL : TECHNOLOGY CORPORATION OF 900 MARKET STREET, 2ND FLOOR, WILMINGTON, DELAWARE 19801, UNITED STATES OF AMERICA.

Inventor : DONALD L SCHILLING.

Application No. 1140/Cal/98 filed on 29-6-98.

(Divided out of No. 610/Cal/94 ante-dated to 29-7-94).

Appropriate office for opposition proceedings (Rule 4, Patent Rule 1972) Patent Office, Calcutta.

10 Claims

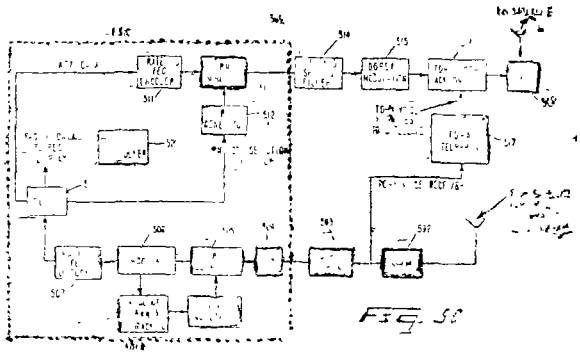
A remote unit for use with a spread-spectrum satellite system for receiving data directed to said remote unit from a satellite in a code division multiple access (CDMA) format and in a time division multiple access (TDMA) format, said remote unit comprising :

a remote antenna;

means, such as herein described (502) for receiving signals having data transmitted in a CDMA format and a TDMA format;

means, such as herein described, (503, 504, 505, 506, 507, 508, 509, 510) for despreading the received signals to recover data directed to said remote unit in a CDMA format; and

means, such as herein described, (517) for recovering the data in TDMA format directed to said remote unit.



(Compl. Specn. 52 Pages Drgns. 13 Sheets)

Ind. Cl. 32 C 185111

Int. Cl.[4] : C 11 D, 1/00

AN AQUEOUS LIQUID DETERGENT COMPOSITION.

Applicant : COLGATE-PALMOLIVE COMPANY, A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, OF 300 PARK AVENUE, NEW YORK, NEW YORK 10022, U.S.A.

Inventors :

ROBERT JOHN STELTENKAMP—U S A.
JOHN HENRY PUCKHABER—U S A
DANIEL COLODNEY—U.S.A.
THOMAS CARLYLE HENDRICKSON—U.S.A.

Application for Patent No. 0596/Del/92 filed on 10-07-92.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

6 Claims

An aqueous liquid detergent composition for cleaning a hard surface and for repelling insects therefrom comprising (i) 1 to 30% of a surface active detergent compound selected from the group consisting of anionic, nonionic, cationic and amphoteric detergent compounds of the kind such as herein before described and mixtures thereof; and (ii) 0.2 to 20% of a material of the kind such as herein before described capable of repelling insects like spiders, cockroaches and mites; (iii) at least about 50% by weight water, and (iv) the balance if any comprising conventional additives.

(Compl. Specn. 17 Pages Drgn. 1 Sheet)

Ind. Cl. : 108 A 185112

Int. Cl.[4] : C 22 B, 4/06

AN IMPROVED PROCESS FOR THE BENEFICIATION OF LEMINITE ORE.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT.

Inventors :

ANITA RAVINDRA PANDE—INDIA
ASHOK NAGESH GOKARAN—INDIA

Application for Patent No. 0616/Del/92 filed on 15-07-92.

Appropriate Office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110005.

4 Claims

An improved process for the beneficiation of ilemenite ore which comprises :

(i) pre-reducing ilemenite ore containing iron in oxide form, by heating the ilemenite with source of carbon in known manner,

(ii) leaching the said reduced ilemenite, containing metallic iron, with waste water stream containing dilute sulfuric acid at a temperature in the range of 60—85°C, and thereby increasing the amount of Tio_2 in the ilemenite by removal of iron as FeSO

(iii) filtering the hot solution to remove the water soluble ferrous sulfate formed to recover beneficiated ilemenite, and recovering ferrous sulfate as a by product if desired,

(iv) quenching and crystallizing the filtrate, and treatment of beneficiated ilemenite by conventional methods.

(Compl. Specn. 11 Pages Drgn. Nil Sheet)

Ind. Cl. : 98 1 185113

Int. Cl.[4] : F 24 J 2/10

AN APPARATUS TO PRODUCE DESIRED TEMPERATURE UTILISING SOLAR ENERGY.

Applicant : SURENDRA PRRKASH AGARWAL AND RAVINDRA PRAKASH AGARWAL BOTH INDIAN NATIONAL C/O JAY YUGAL PACKING INDUSTRIES 247, AGRA GATE, FIROZABAD, UTTAR PRADESH, INDIA

Inventors :

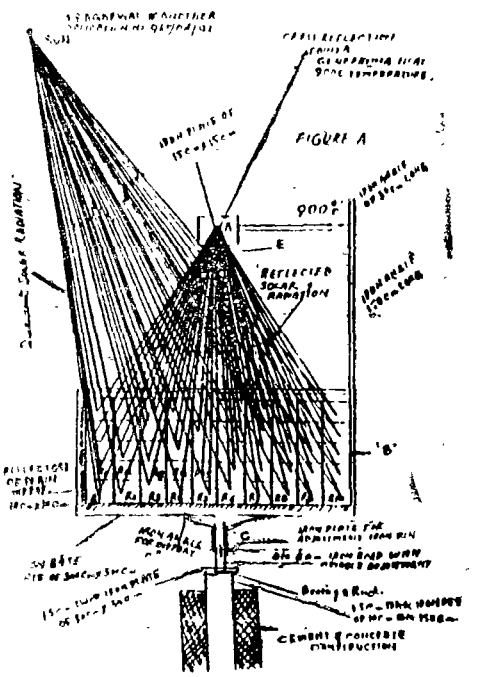
SURENDRA PRAKASH AGARWAL, INDIA.
RAVINDRA PRAKASH AGARWAL, INDIA.

Application for Patent No. 963/Del/92 filed on 22nd Oct., 92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

4 Claims

An apparatus to produce desired temperature utilising Solar Energy comprising a Base Plate for fixing a polarity of reflectors thereon so that they reflect the Sun's rays at the cross reflection point on a plate fixed on movable cross rod provided on a vertical rod fixed on the floor.



Compl. Specn. 7 Pages; Drgns. 2 Sheets.

Ind. Cl. : 55E[4] 185114

Int. Cl.[4] : A61K 31/025

A PROCESS FOR THE PRODUCTION OF A NOVEL DITERPENOID MOLECULE.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT (ACT XXI OF 1860).

Inventors :

SUNIL KUMAR CHATTOPADHYAY,
RAM PRAKASH SHARMA &
SUSHIL KUMAR, INDIA.

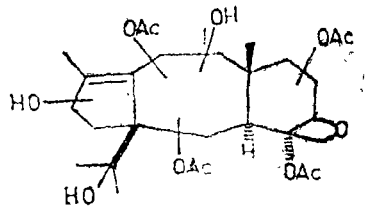
Application for Patent No. 1737/Del/94 filed on 30-12-94.

Complete left after Provisional specification filed on 23-2-96.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Branch, New Delhi-110 005.

4 Claims

A process for the production of a novel diterpenoid molecule, of the formula (1)



the provisional specification from the leaves of Taxus wallichiana plant which comprises extracting air dried pulverized leaves with aliphatic hydrocarbon solvents at room temperature, extractingg the defatted leaves with chlorinated solvents at room temperature, evaporating the solvents to obtain a residue and isolating the compound from the residue by dissolving in aliphatic easter solvent and recovering the compound by conventional methods.

(Compl. Specn. 9 pages Drgs. 1 sheet)

Ind. Cl : 32 F$_8$d, 55F, 123 185115

Int. Cl.^{1} : C07J 9/00

A PROCESS FOR THE PREPARATION OF HOMOBRASSINOLIDE HAVING MOLECULAR FORMULA $C_{29}H_{50}O_6$.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110 001, (INDIA).

Inventors :

BRAJA GOPAL HAZARA—INDIA.

PADMAKAR LAXMAN JOSHI—INDIA

TIRUNAHARI PAVAN KUMAR—INDIA.

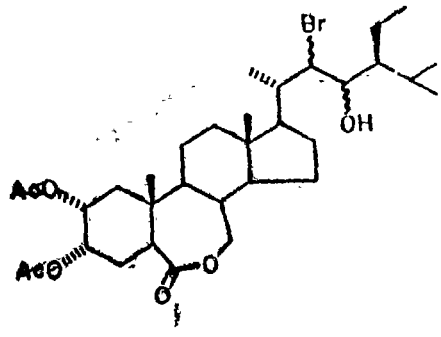
Application for Patent No. 0166/Del/96 filed on 25-01-96.

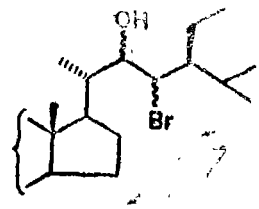
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

4 Claims

An improved process for the preparation of homobrassinolide having molecular formula $C_{29}H_{50}O_6$ which comprises ;

(a) acetylating the compound having molecular formula $C_{30}H_{53}BrO_7$ mixture of isomeric structural formula 1 and 2

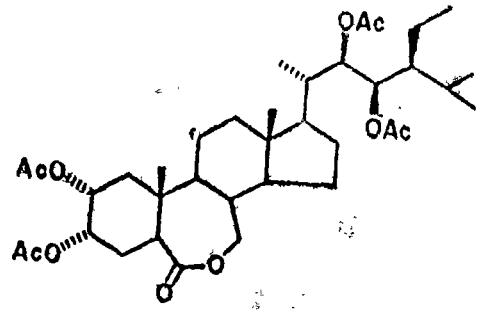




2

in a conventional manner using an acetylating agent in the presence of 4-N, N-dimethylaminopyridine to furnish the corresponding compound of the molecular formula $C_{35}H_{55}BrO_8$.

(b) treating the said compound with 60—90% aqueous acetic acid at a temperature in the range of 75—80°C to give a compound having molecular formula $C_{29}H_{50}O_9$, then subjecting to conventional acetylation in the presence of 4-N N-dimethylaminopyridine to yield a compound having molecular formula $C_{37}H_{58}O_{10}$ a mixture of isomeric structural formula 3 and 5,



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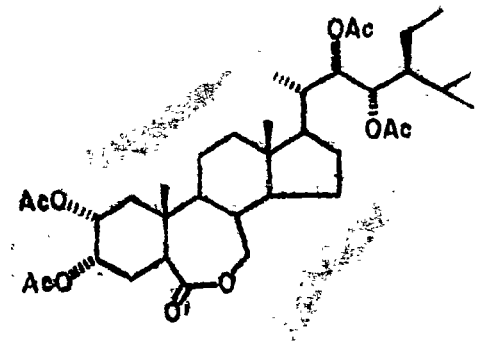
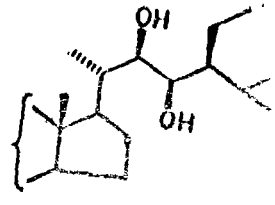


5

(c) subjecting to hydrolysis by known methods to yield homobrassionlide of the formula $C_{29}H_{50}O_6$ and (d) purifying by conventional column chromatography over silica gel to give the homobrassinolide having molecular formula $C_{29}H_{50}O_6$ a mixture of isomeric structural formula 4 and 6 if desired.



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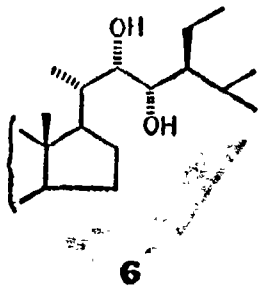

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(Compl. Specn. 14 Pages Drngs. 1 Sheet)

Ind. Cl. : 32F (3a) 185116

Int. Cl.[4] : C07C, 13/04

PROCESS FOR THE PRODUCTION OF CYCLOPROPANECARBOXALDEHYDE.

Applicant : EASTMAN CHEMICAL COMPANY, A COMPANY ORGANIZED UNDER THE LAWS OF THE STATE OF DELAWARE, 100 NORTH EASTMAN ROAD, KINGSPORT, TENNESSEE 37660 UNITED STATES OF AMERICA.

Inventors :
SHAOWO LIANG, U.S.A.
TIMOTHY RICHARD NOLEN, U.S.A.
TIMOTHY WARREN PRICE, U.S.A.
DANIEL BURTS COMPTON, U.S.A.
DAVID CARL ATTRIDE, U.S.A.

Application for Patent No. 0334/Del/96 filed on 20-02-96.

Convention Application No. 08/391,793/U.S./21-02-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

5 Claims

A process for the preparation of cyclopropylcarboxaldehyde (CPCA) which comprises heating 2, 3-dihydrofuran at a temperature of 300 to 600°C and a pressure of 3 to 345 bars absolute, wherein said process may optionally be either carried out in a batch, semicontinuous or continuous mode of operation or in the presence of an inert diluent of the kind such as herein before described.

Compl. Specn. 15 Pages; Drgns. Sheet Nil.

Ind. Cl. : 32 F (2b) 185117

Int. Cl.[4] : C07 D, 209/34

AN IMPROVED PROCESS FOR THE PREPARATION OF 5-CHLORO-2-OXINDOLE.

Applicant : COUNCIL OF SCIENTIFIC & INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001. INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT.

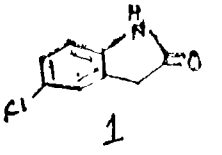
Inventors :
ALLA VENKAT RAMA RAO, INDIA.
MUKUND KESHAO GURJAR, INDIA.
ANJAN CHAKRABORTI, INDIA.
PRATHAMA MAINKAR, INDIA.

Application for Patent No. 384/Del/96 filed on 23-02-96.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

11 Claims

An improved process for the preparation of 5-chloro-2-oxindole of the formula 1



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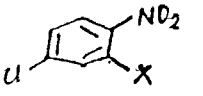
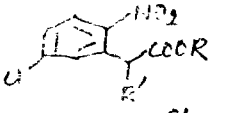
of the drawing accompanying this specification which comprises reacting 2, 4-dihalonitrobenzene of the formula 5



X = Cl, F

5

with cyanoacetic estor or malonyldiester and a base in the presence of a polar aprotic solvent at room temperature to give 5-halo-2-nitrophenyl cyanoacetic ester or 5-halo-2-nitrophenyl malonyldiester of the formula 6, where R=Me or Et, heating the compound of the formula 6



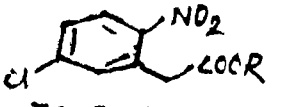
R = Me or Et

R = CN or COOR

6

number reflux in the presence of a mixture of dilute mineral acid and mild organic acid to afford the acid of the formula 7, (Where R=HJ) and esterifying the compound of the formula 7

by conventional methods to yield the compound of the formula 8, Where R=H or Et. Hydrogenating the compound of the formula 8



7: R = H

8: R = Me or Et

by known methods gave the 5-chloro-2-oxindole compound of the formula 1.

Compl. Specn. 11 Pages; Drgn. 1 Sheet

Ind. Cl. : 55 E_1, 32 F_2 (a) 185118

Int. Cl.[1] : C 07 K - 15/00

A METHOD OF SEPARATING AND PURIFYING A LIPID OR A SUGAR LIKE CELL-WALL COMPONENT OR DERIVATIVES OR SALT THEREOF.

Applicant : ADCOCK INGRAM LIMITED, OF 120 15TH ROAD, RANDJIESPARK, MIDRAND, SOUTH AFRICA.

Inventor : JAN ADRIANUS VERSCHOOR, SOUTH AFRICA.

Application for Patent No. 418/Del/96 filed on 28th February, 96.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

18 Claims

A method of separating and purifying a lipid or sugar like cell-wall component or derivatives or salts therof of a bacterium, a fungus or a yeast from an extracted mixture of the cell-wall component or derivatives or salts thereof and contaminants, said process comprising the steps of :

(i) dissolving the extracted mixture in a bi-phasic solvent of the kind such as hereinbefore described to form a dissolved mixture comprising the microbial cell-wall component or derivative or salt thereof and contaminants :

(ii) purifying the microbial cell-wall component or derivative or salt thereof by subjecting the dissolved mixture of step (i) to counter-current distribution separation comprising a required number of cycles to separate the microbial cell-wall component or derivative or salt thereof from contaminants; and

(iii) removing in any known manner the separated, purified microbial cell-wall component or derivative or salt thereof from the bi-phasic solvent.

(Compl. Specn. 57 Pages; Drgns. 23 Sheets)

Ind. Cl. : 128G 185119

Int. Cl.[4] : A 61K—9/72.

A PROCESS FOR PRODUCING A PHARMACEUTICAL POWDER FOR INHALATION.

Applicant :
ASTRA AKTIEBOLAG,
A SWEDISH COMPANY,
OF S-151 85 SODERTALJE,
SWEDEN.

Inventors :
EDIB JAKUPOVIC—SWEDEN
JAN TROFAST—SWEDEN.

Application for Patent No. 723/Del/96 filed on 2-4-96.

Convention Date—13-4-95/9501384-3/SE.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110 005.

28 Claims

A process for producing a pharmaceutical powder for inhalation comprising crystalline particles of an inhalation compound having a mass median diameter (MMD) of 10 μm or less from said inhalation compound and pharmaceutically acceptable additives both of the kind such as herein described, and mixtures thereof, said process comprising dissolving an inhalation compound in a conventional solvent and introducing the solution containing the inhalation compound in droplet form or as a jet stream, into any known anti-solvent which is miscible with the solvent and which is under agitation, under non-supercritical conditions and at a temperature of below 25°C ; and recovering said powder by precipitation and subsequent drying in any known manner.

(Compl. Specn : 17 Pages; Drng. Sheet : Nil)

Ind. Cl. : 60 X, 2. a. 185120

Int. Cl.[4] : A 61 K-31/00

PROCESS FOR THE PREPARATION OF STREPTOGRAMINS.

Applicant : RHONE-POULENC RORER S.A. A FRENCH BODY CORPORATE, OF 20, AVENUE RAYMOND ARON, 92160 ANTONY, FRANCE.

Inventors :
JEAN-CLAUDE BARRIERE, FRANCE.
PATRICK-LEFEVRE, FRANCE.
LUC GRONDARD, FRANCE &
STEPHANE MUTTI. FRANCE.

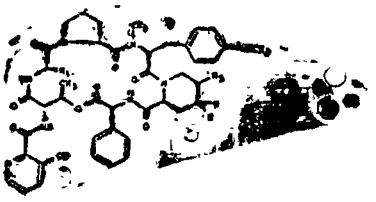
Application for Patent No. 811/Del/96 filed on 16th April, 1996.

Convention Application No. 9504585/FR/18-04-95.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

6 Claims

A process for the preparation of a streptogramin of the following formula (I) :



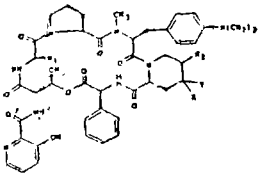
wherein R_1, R_2, X and Y are defined as follows :

R_1 represents a methyl or ethyl group, R_2 represents a hydrogen atom and X and Y together form an oxo radical,

— R_1 represents an ethyl radical, R_2 and X represent a hydrogen atom and Y represents a hydrogen atom or a hydroxyl radical,

— R_1 represents an ethyl radical, R_2 represents a hydroxyl radical and X and Y together form an oxo radical,

which process comprises demethylating a streptogramin derivative of the following formula (II) :



in which the radicals R_1, R_2, X and Y are as defined above, by demethylation with a periodate in acetic acid medium followed by a hydrolysis in aqueous medium.

(Compl. Specn. 12 Pages: Drgn. Sheet Nil)

Ind. Cl. : 194 C6 185121

Int: Cl.[4] : H 01 J 61/00.

FLUORESCENT TUBE COILING APPARATUS.

Applicant :
SHIN KWANG ENTERPRISE CO., LTD.,
A BODY CORPORATE EXISTING UNDER THE LAWS OF THE REPUBLIC OF KOREA
ADDRESS IS 330-6, DUKGEURI,
EUMBONGMYOUN, ASAN-SHI,
CHOONGCHNUG NAM-DO,
KOREA.

Inventor(s) :
SUNG DUK SOO
KOREA.

Application for Patent No. 321/Del/92 filed on 13th April, 1992.

Appropriate office for opposition proceedings (Rule 4, Patents Rules 1972) Patent Office Branch, New Delhi-110 005.

7 Claims

A fluorescent tube coiling apparatus comprising :

a rotatable turn table having a plurality of tube-heating electric ovens mounted thereon, each said oven being openable for selectively placing a fluorescent tube therein and for removing heated fluorescent tubes therefrom, each said oven comprising lever means for selectively opening the respective oven;

an inner temperature regulating means for the respective electric oven;

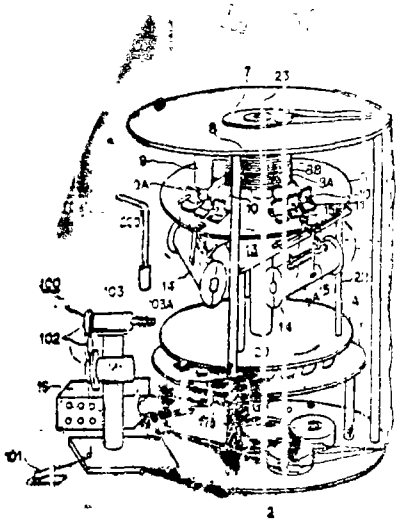
a piston cylinder assembly mounted adjacent to said turn table, said piston cylinder assembly being selectively operable to engage a respective one of said levers for opening the corresponding electric oven ;

ratchet means for selectively rotating said turn table, such that the levers of the respective ovens are sequentially moved into a position for engagement by the piston cylinder assembly ;

control means for coordinating operation of said ratchet means and said piston cylinder assembly for actuating said piston cylinder assembly when said ratchet means aligns one said lever with said piston cylinder assembly; and

a tube coiling screw means in proximity to said turn table for enabling a heated fluorescent tube to be coiled thereabout after sufficient heating by a selected one of said ovens

Fig. 1



(Compl. Specn. : 9 Pages; Drng. Sheets 3).

Ind. Cl. : 192 185122

Int. Cl.[4] : A 45 B 25/00, 19/00.

AUTOMATICALLY CLOSING UMBRELLA.

Appliant : FU TAI UMBRELLA WORKS, LTD., A TAIWANESE COMPANY, OF NO. 16, CHENG TAI ROAD, SEC. 3, WU KU HSIANG, TAIPEI HSIEN, TAIWAN 24801.

Inventor(s) :
1. TSUN-ZONG WU—TAIWAN
2. CHUNG KUANG LIN—TAIWAN

Application for Patent No. 337/Del/92 filed on 20-4-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

2 Claims

An automatically closing umbrella comprising :

a central shaft means (1) having a lower shaft (11) secured with a grip (12) thereon and an upper shaft (13) telescopically mounted on the lower shaft ; (1.) a rib assembly (2) having at least a top rib (21) pivotally secured to an upper notch (14) formed on an uppermost portion of the upper shaft (13) and at least a stretcher rib (22) pivotally secured with each said top rib (21) and secured to a lower runner (15) which is operatively stopped on a spring catch resiliently formed in said upper shaft (13) when opening the umbrella;

a shaft restoring spring (3) resiliently held between said lower (11) and said upper shafts (13) of said central shaft means (1) for normally retracting said upper shaft (13) towards said lower shaft (11) for retracting said central shaft means (1) by a restoring elastic energy created when extending said shafts (11, 13) for opening the umbrella;

at least rib restoring spring (4) resilicently mounted on said rib assembly (2) operatively urging said rib assembly (2) inwardly downwardly for folding said rib assembly (2) for closing an umbrella from an opened state thereof; and

a closing controller (5) provided on said grip (12) and in said central shaft means (1) operatively actuating said shaft restoring spring (3) for releasing its restoring elastic energy for automatically retracting said uppert shaft (13) towards said lower shaft (11) for closing umbrella from an opened state of the umbrella;

characterised in that :

said lower shaft (11) is provided with a pin slot (112) min a lower portion of the lower shaft (11, adjacent to the lowest portion (111) of the lower shaft (1.) and a lower pin (113) transversely fixed in the power portion of the lower shaft (11) for securing a lower spring end (31) of the saft restoring spring (3) held in the central shaft means; (1)

said closing controler (5) comprising a sliding actuator (51) resiliently held in the grip (12) by an actuator tensioning spring (52) retained between the bottom portion (121) of the grip (12) and the sliding actuator, (51) a pulling pin (53) transversely fixed in the sliding actuator (54) and slidably held in the pin slot (112) formed in the lower shaft, (11) a spring latch (54) formed as an arcuate spring plate resiliently mounted in the upper shaft, (13) and an actuating wire (55) secured between the pulling pin (53) and the spring latch; (54).

said sliding actuator (51) comprising an annular sliding block (510) having a central shaft holo (510t) formed in the block (510) for slidably reciprocating the block (510) on the lower shaft (11) within a grip hollow portion (123) of the grip, (12) a tip cap portion (511) formed with a double-cylindrical well portion slidably engagable with a hollow sleeve portion (122) of the grip, (12) and an actuator hollow portion (512) recessed in the top cap portion (511) for operatively receiving a plurality of rib tips (25) of the rib assembly (2) in the actuator hollow portion (512) and

said spring latch (54) comprising a substantially arcuate spring plate having an upper end portion (541) of the latch (54) fixed in the retaining hole (134) formed in the upper shaft, (13) and a lower cam portion (542) protruding outwardly to be engageable with a cam slot (133) formed in a lower portion of the upper shaft (13) and lockably seating on an upper edge portion (114) of the lower shaft (11) when opening the umbrella, said actuating wire (55) having its upper wire end (552) secured to the cam portion (542) of the spring latch (54) and having a lower wire end (551) secured to the pulling pin (53) fixed on the sliding actuator (51).

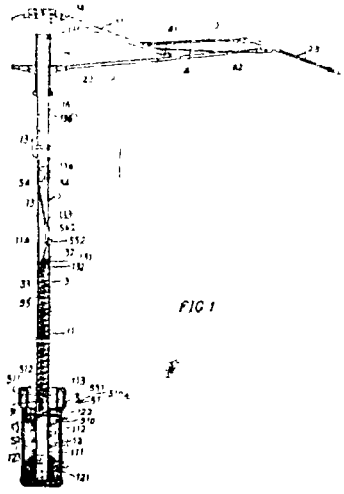


FIG 1

(Compl. Specn. : 12 Pages; Drgns. : 4 Sheets)

Ind. Cl. : 39 N. 185123

Int. Cl.[4] : C 01 F—11/30.

A VESSEL FOR HOLDING OF MOLTEN ALUMINUM.

Applicant : PRAXAIR TECHNOLOGY, INC., FORMERLY KNOWN AS UNION CARBIDE INDUSTRIAL GASES TECHNOLOGY CORPORATION, A CORPORATION ORGAISED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, UNITED STATES OF AMERICA, HAVING AN OFFICE AT 39 OLD RIDGEBURY ROAD, DANBURY, STATE OF CONNECTICUT 06817-0001, UNITED STATES OF AMERICA.

Inventor : JOHN FRANKLIN PELTON—U.S.A.

Application for Patent No. 362/Del/92 filed on 24th April, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110 005.

15 Claims

a vessel for the holding, of molten aluminum and comprising (1) an insulated shell (1) having bottom and side walls impervious to molten aluminium; (2) a graphite block (3) lining on at least one interior side wall of said shell, (1) said graphite block (3) extending above the design operating melt lovel (4) within the vessel, said graphite block (3) being positioned so as to come into contact with the molten aluminum within the vessel, and having an opening (6) therein extendig from the upper end (7) thereof in the direction of, but not reaching, the bottom (8) of said block; (3) (3) and a heating element assembly (18, 19) tisposed within the opening (6) in said graphite block, (3) said heating element (18) being supported therein without electrical contact with said graphite block, (3) characterised by

(a) support means (9) attached to said shell (1) and extending inwardly into said vessel at a position above said graphite block;

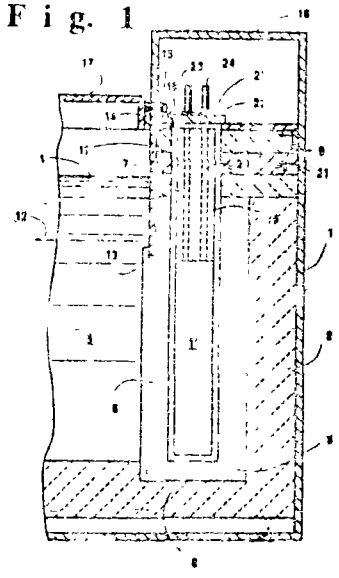
(b) a heating element assembly mounting plate (22) fastened and sealed to said support means, (9) and having opening means (20) therein for the positioning of eleitrical leads there through;

(c) electrical leads (23, 24) for connection to the heating portion (18) of the heating element assembly, (18, 19) said leads (23, 24) extending from above said heater assembly mounting plate; (22)

(d) sealing means (25) for preventing passage of air through the annular space between said electrical leads (23, 24) and the wall of said opening means (20) upon positioning of electrical leads (23, 24) leads therein;

(e) a refractory sheet (11) positioned on the inner surface of said graphite block (3) and extending vertically so as to protect said graphite block (3) from contact with oxygen in the gas phase above the idle level (12) of melt within the vessel, said refractory sheet (11) extending horizontally substantilly to both side of the shell, (1) the upper end of the refractory sheet (11) being secured to said support plate, (99) whereby extendation of the graphite block (3) and corrosion of the heating element (18) by the combined action of air and chloride vapors is effectively precluded.

Fig. 1



(Compl. Specn. : 23 Pages; Drgns. : 3 Sheets)

Ind. Cl. : 85 C. 185124

Int. Cl.[4] : F 27 D 3/00, 5/00, 15/00.

AN APPARATUS FOR CHARGING A SHAFT FURNACE.

Applicant : PAUL WURTH S.A., A COMPANY ORGANISED UNDER THE LAWS OF GRAND DUCHY OF LUXEMBOURG, OF 32 RUE D'ALSACE, L-1122 LUXEMBOURG, GRAND DUCHY OF LUXEMBOURG.

Inventor(s) :

1. PIERRE MAILLIET—LUXEMBOURG
2. EMILE LONARDI—LUXEMBOURG

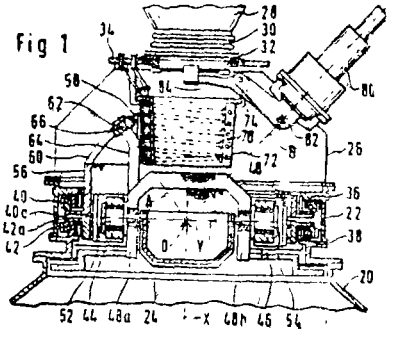
Application for Patent No. 340/Del/92 filed on 21st April, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

6 Claims

An apparatus for charging a shaft furnace comprising a rotating and pivoting distribution chute (24), suspended from the top of the furnace (20) means for driving the chute (24), consisting of a first and of a second rolling ring (40), (42) for rotating said chute (24) about the vertical axis X of the furnace (20) to determine the angle of tilt of said chute (24) relative to said X-axis by pivoting about its horizontal axis of suspension Y, means for actuating; independently of each other, the two rolling rings (40), (42), a central hopper (28) equipped with a lower sealing valve (30), two horizontal crosspieces (44), (46) extending parallel on either side of said chute (24) inside said second ring (42) to which said crosspieces (44), (46) are securely fastened, said chute (24) being supported removably by two lateral side plates (48a), (48b) each comprising a support journal (52), (54) each housed in a bearing of each of the said crosspieces (44), (46) characterized in that said two side plates (48a), (48b) are provided on "U"—shaped stirrup piece (48) extending transversely relative to said chute (24), in that said first ring (40) comprises a curved element (58) whose centre of curvature (O) is located at the intersection of said vertical axis X and of the said horizontal axis Y and which is provided with an elongated groove (60) with parallel edges extending along a meridian of the said element (58), in that one of the said side plates (48a) is extended, in the direction of said element (58), by an arm (64), the end of said arm (64) pivoting in a runner block (62) and sliding in the said groove (60) and in that the pivoting axis a between said arm (64) and said runner block (62) passes via the centre of curvature (O) of said element (58).

Fig 1



(Compl. Specn. : 13 Pages; Drgns. : 5 Sheets)

Ind. Cl. : 170A 185125

Int. Cl.[4] : C 11D, 7/42 and 1/83

A LIQUID DETERGENTS COMPOSITION.

Applicant : THE PROCTER & GAMBLE COMPANY, A CORPORATION ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF OHIO, UNITED STATES OF AMERICA, OF ONE PROCTER & GAMBLE PLAZA, CINCINNATI, STATE OF OHIO 45202, UNITED STATES OF AMERICA.

Inventors :
RAJAN KESHAV PANANDIKER, U.S.A.
CHRISTIAAN ARTHUR J. K. THOEN, BELGIUM
PIERRE MARIE ALAIN LENOIR, BELGIUM.
DWIGHT MALCOLM PETERSON, U.S.A.
JAMES EDWIN THOMPSON, U.S.A.

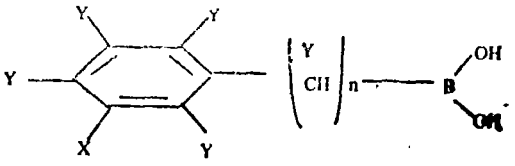
Application for Patent No. 372/Del/92 filed on 29-4-97.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

10 Claims

A liquid detergent composition comprising :

(a) from 0.001 to 10 weight % of aryl boronic acid of the following structure :



where X is selected from C_1-C_6 alkyl, substituted C_1-C_6 alkyl, aryl, substituted aryl, hydroxyl, hydroxyl derivative, amine, C_1-C_6 alkylated amine, amine derivative, halogen, nitro, thiol, thiol derivative, aldehyde, acid, acid salt, ester, sulfonate or phosphonate; each Y is independently selected fron hydrogen, C_1-C_6 alkyl, aryl, substituted C_1-C_6 alkyl, aryl, substituted aryl, hydroxyl, hydroxyl derivative, halogen, amine, alkylated amine, amine derivative, nitro, thiol, thiol derivative, aldehyde, acid, ester, sulfonbate or phosphonate; and n is between 0 to 4;

(b) from 0.0001 to 1.0 weight % of activeproteolytic enzyme(s) as herein described;

(c) from 0.0001 to 1.0% of a detergent compatible second enzyme(s); of the kind herein described;

(d) from 1 to 80 weight % of detersive surfactant and the blance being conventional optional components.

Compl. Specn. 52 Pages; Drgn. Sheet. Nil.

Ind. Cl. : 27 E1. 185126

Int. Cl.[4] : E 04 B, 7/00.

AN IMPROVED ROOF SUPPORTING SYSTEM FOR SUPPORTING THE ROOF OF MINES.

Applicant : COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH, RAFI MARG, NEW DELHI-110001, INDIA, AN INDIAN REGISTERED BODY INCORPORATED UNDER THE REGISTRATION OF SOCIETIES ACT.

Inventor(s) :
1. DR. BHAGWANT SING—INDIA
2. MANINDRA NATH TARAFDER—INDIA
3. AMITAVA DAS GUPTA—INDIA
4. AMAL KUMAR DUTTA—INDIA

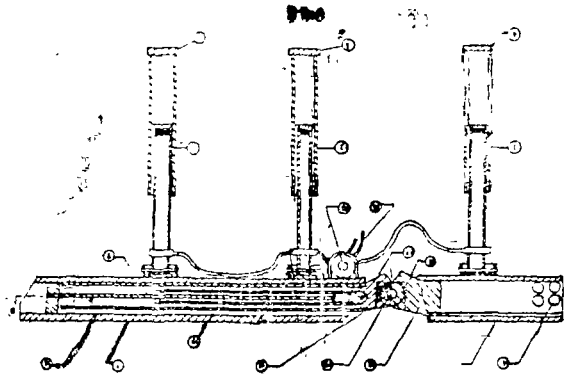
Application for Patent No. 0417/Del/92 filed on 15-5-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

2 Claims

An improved roof support system for supporting the roof of the mines, which comprises, a hollow roof bar (7) closed at one end, a hollow telescopic bar (18) closed at one end being provided inside the said bar (7) to extend or retract the said roof bar (7), the said telescopic bar (18) being fitted with a hydraulically operated ram (9) the said ram (9) being fitted inside in a cylinder (19), to extend or retract the said tesescopic bar (18), the ram (9) being provided with means (11, 12, 13 16 & 17) for coupling with a

rear roof bar (8) the said roof bar (8) being provided with means (14) for fixing barricading system, if required, the said roof bars (7 & 8) being supported by one or mode hydraulically operated support (5) (1, 2, 3, 4, 5 & 6), the said hydraulic ram (9) and hydraulic supports, (1, 2 & 3) being fitted with means (10 & 15) for providing hydraulic pressure.



(Compl. Specn. : 8 Pages; Drgns. : 2 Sheets)

Ind. Cl. : 143 D, (4). 185127

Int. Cl.[5] : B 31 D, 3/04.

AN AUTOCLAVING POUCH OF A MULTILAYERS FLEXIBLE MATERIAL FILM FOR PACKAGING OF MEDICAL SOLUTIONS.

Aplplicant : STANDIPACK PRIVATE LIMITED, 25 COMMUNITY CENTRE, EAST OF KAILASH, NEW DELHI-110065, AN INDIAN COMPANY, INDIA.

Inventor : KAMAL MEATTLE—INDIA

Application for Patent No. 0426/Del/92 filed on 18-5-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

6 Claims

An autoclaving pouch of a mutilayers flexibe material film for packaging of medical solutions comprising a sealant layer of polymeric material selected from the group consisting of ethylene propylene copolymer (EPC) or modified EPC and flexible copolyester; at least one interior layer comprising a blend of EPC and EVA (ethylene vinyl acetate) copolymer being disposed between said an outer layer being provided for imparting flexibility to film; said outer comprises ethylene propylene copolymer or flexible copolyester.

(Compl. Specn. : 15 Pages; Drgns. : 2 Sheets)

Ind. Cl. : 107 G 185128

Int. Cl.[5] : F 01 M 1/00

AN OIL AND FUEL SUPPLY APPARATUS FOR A TWO STROKE INTERNAL COMBUSTION ENGINE.

Applicant : ORBITAL ENGINE COMPANY (AUSTRALIA) PTY, LTD., A COMPANY INCORPORATED UNDER THE LAWS OF THE STATE OF WESTERN AUSTRALIA, OF 1 WHIPPLE STREET, BALCATTA, WESTERN AUSTRALIA-6021.

Inventors :
SAM RUSSELL LEIGHTON, AUSTRALIA.
CLAUDIO PRACILIO, AUSTRALIA.
RAYMCOND JOHN HILL, AUSTRALIA.

Application for Patent No. 538/Del/98 filed on 19th June, 1992.

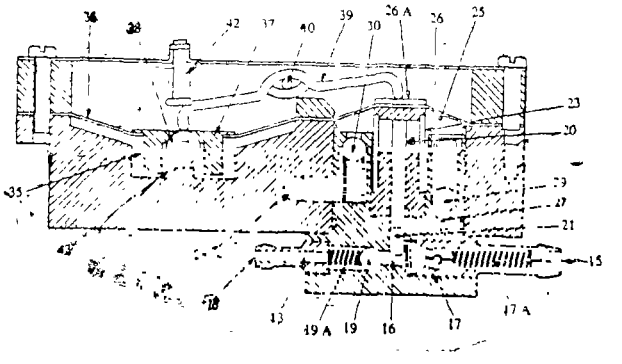
Convention Application No. PK 6788/AU/21-06-1991.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

7 Claims

An oil and fuel supply apparatus for a two stroke internal combustion engine, the apparatus comprising a positive displacement pump (20, 21) to separately deliver oil to the engine, said pump (20, 21) having a capacity per pump cycle greater than the mazimum oil requirement of the engine per engine cycle, a fuel supply reservoir (25) having a fuel capacity at least equal to the engine fuel requirement for a plurality of engine cycles at maximum engine fuel consumption rate, a pressure regulator (43, 36, 38, 40, 39) cooperating with said fuel reservoir (25) to maintain said fuel in said reservoir (25) at a substantially steady pressure for supply to a fuel metering means, (47, 53) said fuel reservoir 25 being operably connected to the pump (20, 21) whereby consumption of fuel from said fuel reservoir 25 simultaneously activates said pump (20, 21) and a control device 26, 20 connected to said pump (20, 21) to control the delivery of oil during each pump cycle to maintain a substantially steady predetermined ratio between the quantity of fuel and quantity of oil delivered to the engine per engine cycle, and separate oil and fuel delivery means (18, 28) separately connected to said pump (20, 21) and said fuel reservoir (25) and for separate delivery of oil and fuel to the engine.

Fig 1.



(Compl. Specn. 13 Pages; Drns. 4 Sheets)

Ind. Cl. : 32 B 185129

Int. Cl.[5] : B 01 J, 27/18, C 07 C, 2/08

THE PROCESS FOR CONVERTING METHANOL TO LIGHT OLEFINS.

Applicant : UOP, A COMPANY ORGANIZED UNDER THE LAWS OF THE STATE OF NEW YORK, UNITED STATES OF AMERICA, WITH ITS PRINCIPAL OFFICE LOCATED AT 25 EAST ALGONQUIN ROAD, DES PLAINES, ILLINOIS, U.S.A.

Inventors :
PAUL THERON BARGER, U.S.A.
STEPHEN THOMAS, WILSON, U.S.A.
JENNIFER SALEM HOLMGREN, U.S.A.

Application for Patent No. 650/Del/98 filed on 26th June, 1992.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

5 Claims

The process for converting methanol to light olefins having 2 to 4 carbon atoms per molecule comprising contacting the methanol at a temperature of 300 to 600°C, a pressure of 101.3 kPa to 1825 kPa (250 × Psig) and a weight hourly space velocity of 1 to 1000 hr^{-1} with a catalyst comprising a crystalline metal aluminophosphate which has an empherical composition on an anhydrous basis expressed by the formula

$$(EL_x\ Al_y\ P_z)\ O_2$$

where EL is a metal selected from the group consisting of silicon, magnesium, zinc, iron, cobalt, nickel, manganese, chromium and mixtures thereof, X is the mole fraction of EL and is atleast 0.005, Y is the mole fraction of Al and is at least 0.01, Z is the mole fraction of P and is at least 0.01 and X+Y+Z=1 and which is composed of particle at least 50% of which have a particle size less than 1.0um and no more than 10% of the particles have a particle size greater than 2.0μm.

Compl. Specn. 16 Pages; Drgn. Sheet Nil

Ind. Cl. : 40 B 185130

Int. Cl.[4] : B 01 J, 31/12

PROCESS FOR THE PREPARATION OF ARYL AND ARALKYL MAGNESIUM HALIDES.

Applicant : IMPERIAL CHEMICAL INDUSTRIES PLC, A BRITISH COMPANY, OF IMPERIAL CHEMICAL HOUSE, MILLBANK, LONDON SWIP 3JF, ENGLAND.

Inventors :
RAYMOND VINCENT HEAVON JONES, ENGLAND.
JOHN MICHAEL BLOOMER, ENGLAND.

Application for Patent No. 564/Del/92 filed on 29th June, 1992.

Convention Application No. 9115246.2/U.K./16-07-91.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, New Delhi-110005.

9 Claims

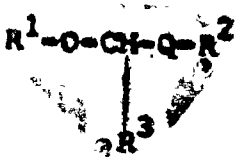
Process for the preparation of aryl and aralkyl magnesium halides of formula (1) :

Y-Mg-X (1)

wherein Y is phenyl, benzyl or substituted phenyl or benzyl of the kind such as herein described and X is a halogen, by reaction of a compound of formula (II)

Y-X (II)

wherein Y and X have the meanings given above, with from 1.01 to 20 mole of magnesium per mole of the compound of formula (II) at a temperature in the range of from-10°C to 100°C in a solvent, wherein the solvent is an acetal of formula (III);



wherein R^1 and R^2 are independently alkyl having from 1 to 6 carbon atoms or when taken together form a dioxolane ring, and R^3 is hydrogen or alkyl having from 1 to 6 carbon atoms.

Compl. Specn. 11 Pages; Drgn. Sheet—Nil

OPPOSITION PROCEEDINGS

An opposition entered by the Harbans Lal Malhotra & Sons Ltd., Calcutta to the grant of a patent to the application No. 177312 (350/Del/88) has been dismissed and the application for patent has been ordered to proceed for sealing.

Pursuant to an opposition entered by M/s. Godrej Soap Limited, Bombay to the grant of a patent on application No. 179082 (694/Del/90) and the said application having been abandoned by the applicant. No. Patent shall be sealed thereon.

An opposition has been entered by M/s. Council of Scientific and Research Institute, New Delhi to grant of a patent Application No. 183757 (1420/Mas/97) made by M/s. Societe Des Produits Nestle S.A., Switzerland.

An opposition has been entered by M/s. Council of Scientific and Research Institute, New Delhi to grant of a Patent Application No. 183758 (1421/Mas/97) made by M/s. Societe Des Produits Nestle S.A., Switzerland.

RENEWAL FEES PAID

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175296 175434 176867 180915 183281 183418

CESSATION OF PATENTS

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PATENT SEALED ON 20-10-2000

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183776*D 183780*D 183781*D 183782*D 183783*D
183784*D 183785*D 183786*D 183787*D

CAL-09, DEL-06, MUM-NIL, Chen-07

*Patent shall be deemed to be endorsed with words LICENCE OF RIGHT Under Section 87 of the Patents Act, 1970 from the date of expiration of three years from the date of sealing.

D Drug Patents

F–Food Patents

REGISTRATION OF DESIGNS

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in section 50 of the Design Act, 1911.

The date shown in the each entries is the date of registration included in the entries :

Class 1. No. 181593, 181594 & 182202. Kirloskar Copeland Limited, 1202/1, Ghole Road, Pune-411005, Maharashtra, India, Compressor, 14th February 2000 & 27th April 2000.

Class 1. No. 181904. Earl Bihari Pvt. Ltd. 148, F. St. Cyril Road, Bandra, Mumbai-400050, Maharashtra, India. Full extension drawer slide. 21st March 2000.

Class 1. No. 181889. Reva Electric Car Company Pvt. Ltd. an Indian Company 603/604, 7th Floor, Devatha Plaza No. 131/132, Residency Road, Bangalore-560025, Karnataka, India. Electric Vehicle. 16th March 2000.

Class 3. No. 181942. Softalk Technologies (P) Ltd. 3583-Netaji Subhash Marg, Darya Ganj, New Delhi-110002, India, an Indian Pvt. Ltd. Company, Disc Case. 27th March 2000.

Class 3. No. 181948 & 181949. Rakesh Jain & Mukesh Jain both Indian nationals 29, Badli Industrial Estate, Phase-II, Delhi-110042, India. Ventilation Fan. 27th March 2000.

Class 13. No. 181978 & 181979. Morarjee Castiglioni (India) Ltd. an Indian Company, Dr. Ambedkar Road, Parel, Mumbai-400012, Textiles. 29th March 2000.

H. D. THAKUR
Controller General of Patents Designs & Trade Marks

प्रबन्धक, भारत सरकार मुद्रणालय, फरीदाबाद द्वारा मुद्रित
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